

5 ANSWER 20 OF 37 BIOSIS COPYRIGHT 2000 BIOSIS DUPLICATE 6  
AN 1995:111494 BIOSIS  
DN PREV199598125794  
TI Allelic loss on chromosome 13 can precede histological changes in head  
and neck **cancer**.  
AU Lee, Norris K.; Ye, Yun-Wei; Li, Xiaohua; Schweitzer, Connie; Nisen,  
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SO International Journal of Oncology, (1994) Vol. 5, No. 2, pp. 205-210.  
ISSN: 1019-6439.  
DT Article  
LA English  
AB Seventy paired **tumor** and **blood** samples from patients  
with upper aerodigestive tract squamous cell carcinoma (UADT SCC) were  
tested for allelic loss on chromosome 13. Increased loss of  
heterozygosity  
(LOH) was observed at 11 of 13 different highly polymorphic  
**microsatellite** 'CA' dinucleotide repeat-containing loci.  
Increasing percent LOH correlated with lymph node metastasis (N Stage)  
( $p=0.016$ ). LOH was also detected in 10 of 16 (63%) informative samples of  
histologically normal mucosa adjacent to the tumors. These findings  
demonstrate that allelic loss on chromosome 13 is a frequent event in  
UADT SCC. Furthermore, these genetic alterations can be detected prior to  
histological changes in normal mucosa adjacent to these tumors.

FILE 'MEDLINE, CAPLUS, USPATFULL' ENTERED AT 14:54:01 ON 30 JAN 2002

L1 129 S ((CANCER? OR CARCINOMA?) (2A) (CELL?)) (10A) (MARGIN)  
L2 124 DUP REM L1 (5 DUPLICATES REMOVED)  
L3 2 S L2 AND P53  
L4 34 S MARGIN (10A) MUTANT  
L5 26 DUP REM L4 (8 DUPLICATES REMOVED)  
L6 193 S (HISTOLOGICAL OR HISTOPATHOLOGICAL) (15A) MARGIN  
L7 5 S L6 AND (P53 OR MICROSATELLITE?)  
L8 5 DUP REM L7 (0 DUPLICATES REMOVED)  
L9 14 S L6 AND DNA  
L10 14 DUP REM L9 (0 DUPLICATES REMOVED)  
L11 11 S L10 NOT L8  
L12 0 F BIB,AB 4

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